

WHAT IS CLAIMED IS:

1. A method for producing a magnetic recording medium having a nonmagnetic substrate coated with a magnetic coating material containing a ferromagnetic powder and a binder, wherein:

the magnetic coating material contains a liquid A constituted by the ferromagnetic powder and a solvent, and a solution B of the binder; and

the liquid A and the solution B are mixed together by applying an ultrasonic wave thereto, and are thereafter subjected to dispersion processing.

2. The method as defined in claim 1, wherein the ultrasonic wave is applied within one second after the liquid A and the solution B are mixed together.

3. The method as defined in claim 1, wherein the liquid A is subjected to dispersion processing by applying the ultrasonic wave thereto before the liquid A and the solution B are mixed together.

4. The method as defined in claim 1, wherein the ferromagnetic powder is a needle particle with a major axis length of 10 to 100 nm.

5. The method as defined in claim 1, wherein the ferromagnetic powder is a plate particle with a plate diameter of 10 to 50 nm.

6. A method for producing a magnetic recording medium having a nonmagnetic substrate coated with a magnetic coating material containing a ferromagnetic powder and a binder, wherein:

the magnetic coating material contains a liquid A constituted by the ferromagnetic powder and a solvent, and a solution B of the binder; and

the liquid A is subjected to dispersion processing by applying an ultrasonic wave thereto, and thereafter the liquid A and the solution B are mixed together.

7. The method as defined in claim 6, wherein the ferromagnetic powder is a needle

particle with a major axis length of 10 to 100 nm.

8. The method as defined in claim 6, wherein the ferromagnetic powder is a plate particle with a plate diameter of 10 to 50 nm.